MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

August, 1945

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	52.3	52.4	52.3	52.3	34.7	23.2	28.7	34.5	28.3	30.5
2	3.9	3.4	3.5	3.6	35.0	24.7	28.9	34.7	28.2	30.6
3	3.5	3.2	3 3	3.3	35.1	25 7	29.4	34.5	28.8	30.9
4	4.2	4.6	5.0	4.6	35.2	25.3	29.9	34.4	27.9	30.7
5	5.4	5.4	5.5	5.4	35.6	24.3	29.7	32.9	30.0	30.9
6	55.4	55.0	55.7	55.4	35.2	24.0	30.1	33.3	28.3	30.6
7	5.0	4.6	5.3	5.0	34.3	23.1	29.9	33.9	26.7	30.2
8	4.8	4.2	3.8	4.3	32.8	23.7	27.6	32.6	26.9	29.1
9	3.4	3.4	3.3	3.4	34.7	22.9	28.0	34.1	27.3	29.8
10	3.6	3.8	3.8	3.7	34.9	23.4	28.0	33.5	28.6	30.0
11	54.2	54.8	54.8	54.6	34.7	23.9	28.8	33.8	27.3	30.0
12	5.2	5.1	5.4	5.2	35.0	24.0	28.3	33.9	28.1	30.1
13	5.6	4.0	3.9	4.5	34.6	23.3	28.5	33.9	27.8	30.1
14	4.1	3.8	4.1	4.0	33.7	24.4	27.5	32.9	26.9	29.1
15	4.6	4.1	4.2	4.3	35.3	25.3	28.0	34.6	28.4	30.3
16	53.9	54.1	53.8	53.9	35.4	25.1	29.4	34.7	29.3	31.1
17	3.9	3.8	3.8	3.8	34.9	24.7	29.6	33.9	28.0	30.5
18	3.9	3.5	3.3	3.6	34.0	24.1	28.4	33.8	27.7	30.0
19	3.7	3.7	3.7	3.7	33.9	24.0	27.3	33.4	28.2	29.6
20	5.0	5.1	5.2	5.1	34.3	23.3	28.4	33.9	27.8	30.0
21	58.1	55.7	55.8	55.5	34.1	24.2	28.3	33.3	27.6	29.7
22	5.3	4.8	4.2	4.4	35.1	25.2	27.7	34.3	27.4	29.8
23	3.5	3.4	3.3	3.4	35.2	25.6	28.4	34.7	27.9	30.3
24	4.3	4.7	4.5	4.5	34.9	24.3	28.4	34.6	27.8	30.3
25	5.1	5.2	5.2	5.2	35.1	24.4	27.2	33.0	28.0	29.4
26	55.3	55.0	54.9	55.1	34.3	23.8	28.4	33.1	27.7	29.7
27	5.4	6.0	6.2	5.9	34.2	24.6	26.9	33.6	27.4	29.3
28	7.0	6.7	6.8	6.8	33.6	25.6	27.3	33.3	27.8	29.5
29	6.6	6.4	6.4	6.5	33.2	24.4	28.7	32.3	26.4	29.1
30	6.4	5.9	5.8	6.0	32.8	26.1	26.7	32.1	27.3	28.7
31	6.3	5.8	6.2	6.1	33.3	24.3	28.2	32.6	27.7	29.5
	54.80	54.60	54.61	54.61	34.48	24.35	28.41	33.68	27.85	29.98

Barometer, range for month 758.1 – 752.3 mm.
,, 62-yr. average for month 756.08 mm.
Thermometer, range for month 35.6°C. — 22.9°C
,, 62-yr. average for month 28.50° C.
Rain, total for month 0.0 m.m.
,, 62-yr. average for month 0.51 m.m.
,, Total, Sept. 1st. to end of month 1077.72 mm.
,, 62-yr. average, Sept. 1st. to end of month 884.94 mm.
* Beirut Summer Time

AUGUST 1945

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	21.7	25.3	21.4	22.8	74	62	75	70	12.8	97.0	
2	21.3	25.3	22.6	23.1	72	62	80	71	12.5	117.0	
3	20.7	25.3	23.8	23.3	67	62	82	70	12.4	158.0	
4	18.4	18.0	18.6	18.3	58	44	67	58	12.5	591.0	
5	18.1	17.2	19.3	18.2	58	46	61	55	12.6	80.0	
6	18.4	18.3	19.0	18.6	58	47	66	57	12.4	116.0	
7	19.2	18.1	19.3	18.9	61	46	74	60	12.4	64.0	
8	19.7	17.6	17.5	18.3	71	48	66	62	12.2	121.0	
9	17.3	19.8	20.3	19.1	62	50	75	62	12.3	72.0	
10	18.9	20.0	21.5	20.1	67	51	74	64	12.1	77.0	
11	20.3	24.1	20.4	21.6	68	64	76	69	12.2	138.0	
12	18.7	20.5	20.2	19.8	65	53	72	63	12.3	193.0	
13	18.6	21.1	22.1	20.6	64	54	80	66	12.5	362.0	
14	19.0	19.5	20.9	19.8	70	52	79	67	12.4	119.0	
15	22.2	24.5	24.1	23.6	79	60	85	75	11.7	452.0	
16	21.7	25.7	18.9	22.1	70	62	62	65	12.0	676.0	
17	20.5	21.2	21.0	20.9	66	55	74	65	12.0	875.0	
18	18.3	20.0	21.3	19.7	64	51	77	64	12.0	203.0	
19	20.2	20.7	18.5	19.8	75	54	65	65	12.1	137.0	
20	16.8	19.9	20.1	18.9	58	51	72	60	12.3	241.0	
21	19.2	20.6	18.0	19.3	67	54	66	62	12.3	98.0	
22	19.0	21.8	18.7	19.8	68	55	69	64	12.2	545.0	
23	21.5	25.0	19.4	22.0	75	60	69	68	12.3	257.0	
24	21.8	25.0	22.5	23.1	76	62	81	73	11.5	457.0	
25	19.7	19.6	19.9	19.7	74	52	70	65	11.9	193.0	
26	19.4	20.4	19.1	19.6	68	54	69	64	11.6	480.0	
27	17.3	19.9	20.3	19.2	65	51	74	63	11.4	135.0	
28	21.4	20.6	21.3	21.1	79	54	77	70	11.4	121.0	
29	19.5	18.5	19.3	19.1	66	51	75	64	11.8	282.0	
30	17.9	18.2	20.4	18.8	69	51	75	65	10.8	183.0	
31	19.6	18.7	20.5	19.6	69	52	74	65	10.5	160.0	
	19.23	20.98	20.32	20.28	67.8	53.8	72.9	64.8	12.04	251.93	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

AUGUST 1945

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	0	0	0.3	1sw	1sw	0	calm	
2	0	0	0	0.0	1s	1s	0	,,	
3	0	0	0	0.0	2sw	1sw	1sw	,,	
4	2cu	1cu	0	1.0	2sw	3sw	1sw	slight	
5	2cu	0	0	0.7	1sw	1sw	1sw	,,	
6	0	0	0	0.0	1sw	2sw	1sw	calm	
7	0	0	0	0.0	1s	1sw	0	light	
8	1cu	0	0	0.3	1sw	1nw	0	calm	
9	0	0	0	0.0	2sw	1sw	0	,,	
10	0	0	0	0.0	1sw	1sw	0	,,	
11	0	2cu	0	0.7	1sw	2sw	0	calm	
12	0	0	0	0.0	1sw	2sw	1sw	,,	
13	0	0	8cu	2.7	2sw	1sw	1w	,,	
14	0	2cu	0	0.7	1sw	1w	0	,,	
15	0	0	0	0.0	1sw	1sw	0	,,	
16	0	0	0	0.0	2sw	3sw	1sw	calm	
17	0	0	0	0.0	2sw	2sw	3sw	light	W. at night
18	0	0	0	0.0	1sw	2sw	0	calm	
19	0	0	0	0.0	1sw	2sw	1sw	,,	
20	0	0	0	0.0	1sw	1sw	0	,,	
21	0	0	0	0.0	0	1w	0	calm	
22	0	1cu	0	0.3	1sw	1sw	0	,,	
23	0	0	3cu	1.0	1w	1sw	1sw	,,	
24	0	0	0	0.0	1sw	1sw	0	,,	
25	1cu	3cu	10cu	4.7	1sw	1sw	1sw	,,	
26	0	2cu	7cu	3.0	2s	1sw	0	calm	
27	0	0	0	0.0	1s	1sw	0	,,	
28	0	0	1cu	0.3	0	1nw	0	,,	
29	6cu	5cu	0	3.7	1sw	1nw	0	,,	
30	0	1cu	1cu	0.7	0	1nw	0	,,	
31	10cu	0	10cu	6.7	1w	1w	0	,,	
				0.86					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	4	22	2	0	3	31
14:30	0	0	0	0	1	23	3	4	0	31
20:30	0	0	0	0	0	11	1	0	19	31
Totals	0	0	0	0	5	56	6	4	22	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days